



Crystal River Nuclear Plant
Docket No. 50-302
Operating License No. DPR-72

Ref: 10 CFR 50.54(f)

March 22, 2010
3F0310-05

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Crystal River Unit 3 – Clarification to Supplemental Response to NRC Generic Letter 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors" (TAC NO. MC4678)

Reference: Crystal River Unit 3 to NRC letter dated February 29, 2008, "Supplemental Response to NRC Generic Letter 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors"" (TAC NO. MC4678)

Dear Sir:

On February 29, 2008, Florida Power Corporation (FPC), doing business as Progress Energy Florida, Inc. (PEF), provided a supplemental response to Generic Letter (GL) 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors," for Crystal River Unit 3 (CR-3). That supplemental response was prepared using guidance for the preparation of GL supplemental responses submitted to the Nuclear Energy Institute (NEI) by the Nuclear Regulatory Commission (NRC) for industry distribution.

A telephone conference call was conducted on March 15, 2010, at the request of the NRC Project Manager for CR-3. NRC staff personnel inquired as to how CR-3 planned to address a revised zone of influence for untopcoated inorganic zinc coatings since that portion of the testing documented in WCAP-16568-P, "Jet Impingement Testing to Determine the Zone of Influence (ZOI) for DBA-Qualified/Acceptable Coatings," Revision 1, was identified by the NRC as containing errors.

In response to the above inquiry, this submittal is documenting a clarification to the last bullet, under Coating Debris Generation on Page 48, and the Failed Coating Debris Source Term table under Debris Characteristics on Page 49, found in the Attachment to the above referenced letter. Specifically, CR-3 did not take credit for a reduced zone of influence for untopcoated inorganic zinc coatings as documented in WCAP-16568-P, Revision 1. Further, no zone of influence is applied to untopcoated inorganic zinc coatings at CR-3. These coatings are classified as unqualified coatings and are assumed to fail, consistent with the treatment of all unqualified coatings.

This submittal contains no new regulatory commitments.

If there are any questions regarding this submittal, please contact Mr. Dan Westcott, Superintendent, Licensing and Regulatory Programs at (352) 563-4796.

Sincerely,



Jon A. Franke
Vice President
Crystal River Nuclear Plant

JAF/dwh

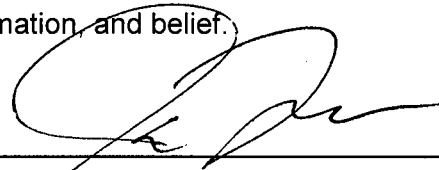
xc: NRC Project Manager
NRC Regional Office
NRC Resident Inspector

Progress Energy Florida, Inc.
Crystal River Nuclear Plant
15760 W. Power Line Street
Crystal River, FL 34428

A 116
NRN

STATE OF FLORIDA
COUNTY OF CITRUS

Jon A. Franke states that he is the Vice President, Crystal River Nuclear Plant for Florida Power Corporation, doing business as Progress Energy Florida, Inc.; that he is authorized on the part of said company to sign and file with the Nuclear Regulatory Commission the information attached hereto; and that all such statements made and matters set forth therein are true and correct to the best of his knowledge, information, and belief.



Jon A. Franke
Vice President
Crystal River Nuclear Plant

The foregoing document was acknowledged before me this 22 day of March, 2010, by Jon A. Franke.



Signature of Notary Public
State of Florida



(Print, type, or stamp Commissioned
Name of Notary Public)

Personally Known -OR- Produced Identification